317

## ENTERED

RAW SEQUENCE LISTING

DATE: 02/28/2002 P.5

PATENT APPLICATION: US/10/072,301

TIME: 12:40:03

Input Set : A:\EP.txt

Output Set: N:\CRF3\02282002\J072301.raw

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             Pauling, Michelle H.
              Zhu, Li
      7 <120> TITLE OF INVENTION: HUMAN MONOCLONAL ANTIBODY AGAINST CORECEPTORS FOR HUMAN
IMMUNODEFICIENCY
     8
             VIRUS
     10 <130> FILE REFERENCE: 25636-718
C--> 12 <140> CURRENT APPLICATION NUMBER: US/10/072,301
C--> 12 <141> CURRENT FILING DATE: 2002-02-08
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     31 Leu Pro Pro Leu Tyr Ser Leu Val Phe Ile Phe Gly Phe Val Gly Asn
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     39 Thr Asp Ile Tyr Leu Leu Asn Leu Ala Ile Ser Asp Leu Phe Phe Leu
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     43 Leu Thr Val Pro Phe Trp Ala His Tyr Ala Ala Ala Gln Trp Asp Phe
     47 Gly Asn Thr Met Cys Gln Leu Leu Thr Gly Leu Tyr Phe Ile Gly Phe
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     51 Phe Ser Gly Ile Phe Phe Ile Ile Leu Leu Thr Ile Asp Arg Tyr Leu
                                    120
               115
    55 Ala Val Wal His Ala Val Phe Ala Leu Lys Ala Arg Thr Val Thr Phe
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                                                    140
    59 Gly Val Val Thr Ser Val Ile Thr Trp Val Val Ala Val Phe Ala Ser
                            150
                                                155
    63 Leu Pro Gly Ile Ile Phe Thr Arg Ser Gln Lys Glu Gly Leu His Tyr
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                                            170
    67 Thr Cys Ser Ser His Phe Pro Tyr Ser Gln Tyr Gln Phe Trp Lys Asn
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                                        185
    71 Phe Gln Thr Leu Lys Ile Val Ile Leu Gly Leu Val Leu Pro Leu Leu
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    75 Val Met Val Ile Cys Tyr Ser Gly Ile Leu Lys Thr Leu Leu Arg Cys
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215

220

210

76

RAW SEQUENCE LISTING DATE: 02/28/2002 PATENT APPLICATION: US/10/072,301 TIME: 12:40:03

Input Set : A:\EP.txt

Output Set: N:\CRF3\02282002\J072301.raw

79 Arg Asn Glu Lys Lys Arg His Arg Ala Val Arg Leu Ile Phe Thr Ile 80 225 230 83 Met Ile Val Tyr Phe Leu Phe Trp Ala Pro Tyr Asn Ile Val Leu Leu 245 250 87 Leu Asn Thr Phe Gln Glu Phe Phe Gly Leu Asn Asn Cys Ser Ser Ser 260 265 270 91 Asn Arg Leu Asp Gln Ala Met Gln Val Thr Glu Thr Leu Gly Met Thr 275 280 95 His Cys Cys Ile Asn Pro Ile Ile Tyr Ala Phe Val Gly Glu Lys Phe 295 290 99 Arg Asn Tyr Leu Leu Val Phe Phe Gln Lys His Ile Ala Lys Arg Phe 310 315 103 Cys Lys Cys Cys Ser Ile Phe Gln Glu Ala Pro Glu Arg Ala Ser 325 330 107 Ser Val Tyr Thr Arg Ser Thr Gly Glu Gln Glu Ile Ser Val Gly Leu 340 345 108 111 <210> SEQ ID NO: 2 112 <211> LENGTH: 17 113 <212> TYPE: PRT 114 <213> ORGANISM: Homo sapiens 116 <400> SEQUENCE: 2 118 Gln Glu Phe Phe Gly Leu Asn Asn Cys Ser Ser Ser Asn Arg Leu Asp 119 1 10 122 Gln 126 <210> SEQ ID NO: 3 127 <211> LENGTH: 29 128 <212> TYPE: PRT 129 <213> ORGANISM: Homo sapiens 131 <400> SEQUENCE: 3 133 Glu Phe Phe Gly Leu Asn Asn Cys Ser Ser Ser Asn Arg Leu Asp Gln 5 10 137 Ala Met Gln Val Thr Glu Thr Leu Gly Met Thr His Cys 138 20 141 <210> SEQ ID NO: 4 142 <211> LENGTH: 20 143 <212> TYPE: PRT 144 <213> ORGANISM: Artificial Sequence 146 <220> FEATURE: 147 <223> OTHER INFORMATION: G4S Linker 149 <400> SEQUENCE: 4 151 Gly Gly Gly Ser Gly Gly Gly Gly Ser Gly Gly Gly Ser Gly 152 1 10 155 Gly Gly Gly Ser 20 156 159 <210> SEQ ID NO: 5 160 <211> LENGTH: 60 161 <212> TYPE: DNA 162 <213> ORGANISM: Artificial Sequence 164 <220> FEATURE:

RAW SEQUENCE LISTING DATE: 02/28/2002 PATENT APPLICATION: US/10/072,301 TIME: 12:40:03

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Output Set: N:\CRF3\02282002\J072301.raw

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## RAW SEQUENCE LISTING

DATE: 02/28/2002

PATENT APPLICATION: US/10/072,301

TIME: 12:40:03

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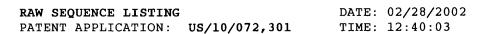
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314 cagcccccag gaaaggccct tgagtggctt gcaagcataa attggaatga tgataagtgc

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180

240



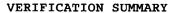
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364						70					75					80		
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368					85			•	_	90		_		_	95	_		
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372		_	_	100	_	a 1	<b>5</b>	<b>a</b> 1	105	36-4	**- 1	m1	**- 7	110		Q1		
	Ата	Ser	_	vaı	Trp	GLY	Pro	Gly	Tnr	мет	vaı	Thr		ser	ser	GIY		
376	C1	G1	115	Com	C1	C1	C1	120	000	C1	C1**	C1	125	Com	C1	C1**		
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	G1 v		Ser	Sor	Тυг	Glu		Met	Gln	T.e.ii	Dro		Va 1	Ser	Val	Ser		
	145	GLY	Der	Der	ı yı	150	пеа	nec	OIII	пси	155	DCI	vai	DCI	Vul	160		
		Glv	Gln	Thr	Ala		Tle	Thr	Cvs	Ser		Asp	Asn	Leu	Glv			
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Use of n and / or Xaa has been detected in the Sequence Listing. Review the Sequence Listing to ensure a corresponding explanation is present in the <220> to <223> fields of each sequence using n or Xaa.



PATENT APPLICATION: US/10/072,301

DATE: 02/28/2002 TIME: 12:40:04

Input Set : A:\EP.txt

Output Set: N:\CRF3\02282002\J072301.raw

L:12 M:270 C: Current Application Number differs, Replaced Current Application No

L:12 M:271 C: Current Filing Date differs, Replaced Current Filing Date L:1201 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:32 L:1222 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:33